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Application No. 10/647,503

Docket No. R2184.0255/P255

AMENDMENTS TO CLAIMS

1-26. (Canceled)

27. (Currently amended) An information processing apparatus for generating and delivering HTML data corresponding to a URL request of a client by converting XML data comprising:

a reception control part receiving a URL request for a Web page from a terminal client; connected to the information processing apparatus via a network;

first storage means for storing a plurality of compressed ~~document form information~~ XSL files in advance;

a Web application providing a variety of services for the client, the Web application, in response to invoking the reception control part, generating a service processing result as XML data, the Web application including a correspondence table between the compressed XSL files and URLs;

a decompression part, in response to receipt of the request at the reception control part, identifying one or more compressed ~~document form information~~ XSL files required to create the requested Web page in the first storage means and decompressing the identified ~~document form information~~ compressed XSL files into one or more ~~document form~~ XSL data items;

second storage means for temporarily storing the decompressed ~~document form~~ XSL data items, said second storage means comprising a volatile memory;

a Web page creation part using the ~~document form~~ XSL data items stored in the second storage means to create the requested Web page and deleting the used ~~document form~~ XSL data items from the second storage means; and

a transmission control part sending the created Web page to the requesting terminal, wherein the reception control part delivers the URL request to the Web application; and, in response to reception of the URL request, the Web application determines a compressed XSL file corresponding to the URL request with reference to the correspondence table and requests the Web page creation part to use an XSL data item corresponding to the determined compressed XSL file; and, in response to receipt of the request, the Web page creation part

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invokes the decompression part and instructs the decompression part to decompress the compressed XSL file.

28. (Canceled)

29. (Currently amended) The information processing apparatus as claimed in claim 27, wherein

the decompression part determines whether the decompressed ~~document-form~~ XSL data items required to create the requested Web page are present in the second storage means, and if the required ~~document-form~~ XSL data items are present in the second storage means, the Web page creation part uses the stored ~~document-form~~ XSL data items to create the Web page; and

the Web page creation part, when the number of the ~~document-form~~ XSL data items exceeds a predetermined value, deletes the least recently used ~~document-form~~ XSL data item from the second storage means.

30. (Currently amended) The information processing apparatus as claimed in claim 27, wherein

the decompression part determines whether the decompressed ~~document-form~~ XSL data items required to create the requested Web page are present in the second storage means, and if the required ~~document-form~~ XSL data items are present in the second storage means, the Web page creation part uses the stored ~~document-form~~ XSL data items to create the Web page; and

the Web page creation part, when the number of the ~~document-form~~ XSL data items exceeds a predetermined value, deletes the earliest stored ~~document-form~~ XSL data item from the second storage means.

31. (Currently amended) A method of ~~creating a Web page at~~ generating and delivering HTML data corresponding to a URL request of a client by converting XML data in an information processing apparatus including a first storage means for storing a plurality of compressed ~~document-form-information~~ XSL files in advance and a second storage means for

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temporarily storing a ~~document-form~~ XSL data item corresponding to a decompressed ~~document-form-information~~ XSL file, the method comprising the steps of:

receiving a URL request for a Web page from a ~~terminal~~ client connected to the information processing apparatus via a network;

identifying a compressed XSL file corresponding to the URL request with reference to a correspondence table between compressed XSL files and URLs, the ~~one or more~~ compressed ~~document-form-information~~ XSL files required to create the Web page in the first storage means;

decompressing the identified compressed ~~document-form-information~~ XSL files into one or more ~~document-form~~ XSL data items and storing the resulting ~~document-form~~ XSL data items in the second storage means;

using the ~~document-form~~ XSL data items to create the requested Web page and deleting the used ~~document-form~~ XSL data items from the second storage means; and sending the created Web page to the terminal.

32. (Canceled)

33. (Currently amended) The method as claimed in claim 31, wherein the identifying step comprises determining whether the decompressed ~~document-form~~ XSL data items required to create the requested Web page are present in the second storage means; and if the required ~~document-form~~ XSL data items are present in the second storage means, the using step comprises using the stored ~~document-form~~ XSL data items to create the Web page; and

the using step comprises, when the number of the ~~document-form~~ XSL data items exceeds a predetermined value, deleting the least recently used ~~document-form~~ XSL data item from said second storage means.

34. (Currently amended) The method as claimed in claim 31, wherein the identifying step comprises determining whether the decompressed ~~document-form~~ XSL data items required to create the requested Web page are present in the second storage means; and if the required ~~document-form~~ XSL data items are present in the second storage

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means, the using step comprises using the stored ~~document form~~ XSL data items to create the Web page; and

the using step comprises, when the number of the ~~document form~~ XSL data items exceeds a predetermined value, deleting the earliest stored ~~document form~~ XSL data item from said second storage means.